

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/661,262

REMARKS

Claims 1-12 are all the claims pending in the application, including new claims 10-12 added by the present Amendment.

The specification is objected to, because of the informalities described on pages 2-3 of the Office Action. By the present Amendment, Applicant amends the specification to correct these informalities.

Claims 1-9 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Hirokazu (US 2001/0028471) in view of Laumeyer (US 5,710,577). Applicant respectfully traverses the rejection with the following comments.

Hirokazu relates to a method of and an apparatus for correcting the color of a print medium and a proofer such as a color printer or the like, in a proof generating system which generates a color proof comprising a color image printed on a proof sheet with the proofer, before a colored printed material is produced using a print sheet by a color printing machine such as a rotary press or the like.

Laumeyer relates to the assignment of a pixel description packet to pixel locations based on the source image description to provide control of an output device on a pixel-by-pixel basis.

Applicant submits that the combination of references fails to teach or suggest all of the limitations of the claims. Specifically, the references do not disclose the composition step of synthesizing, on the colorimetry color space or the second color space, image data defined by coordinate values of the colorimetry color space or the second color space, wherein the process color image data is converted, with image data defined by coordinate values of the colorimetry color space or the second color space, wherein the spot color name is converted, as recited in

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claim 1. The Examiner concedes that Hirokazu does not disclose this feature of the claim, but asserts that Laumeyer suggests this feature, because “any color space can be converted into any other color space, where it would be both obvious to do this through a device-independent space and that the data represented in the same color space is combinable for output to an output device (by the nature of an output device such dat[a] must be combined in order to be output).” *Office Action, page 4.*

Applicant submits that Laumeyer does not teach or suggest the claimed composition step. First, Laumeyer fails to explicitly disclose the claimed composition step. Essentially, the Examiner has conceded this point, since he has not asserted that the reference discloses this feature of the claim. The Examiner is only asserting that Laumeyer suggests that the data is combinable. Second, the reference does not even suggest the above-recited feature of claim 1. In the cited portion of the reference (col. 1, line 66 - col. 2, line 2), Laumeyer describes converting specialized colors to approximate colors using a look-up table or by mapping through a color space. However, Laumeyer does not disclose or suggest that image data defined by coordinate values of the colorimetry color space or the second color space, wherein the process color image data is converted, is synthesized with image data defined by coordinate values of the colorimetry color space or the second color space, wherein the spot color name is converted. Rather, Laumeyer merely discloses that specialized colors can be converted to approximate colors by mapping through a color space. There is no suggestion in the reference of synthesizing the image data as recited in the claim. Furthermore, even if the data is combinable, as asserted by the Examiner, there is still no suggestion of the specifically claimed synthesizing of image data. Therefore, claim 1 and its dependent claims 2-4 are allowable over the prior art.

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Applicant submits that claims 5-9 are allowable for analogous reasons to those for claim

1.

To the extent that color packet information is discussed in Laumeyer, it relates to conventional conversion and thus would not obviate the effects of a large LUT as does the present invention. The references do not contemplate a change using spot color name.

New claims 10-12 are added to further define the present invention. Claims 10-12 are allowable at least because of their dependence from claim 1.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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